

We claim:

1. A biocompatible wound dressing, comprising:
 - a biocompatible pad shaped to conform to a wound site;
 - an air-tight seal removably adhered to said pad; and
 - 5 a negative pressure source in fluid communication with said pad.
2. The biocompatible wound dressing of claim 1 wherein said biocompatible pad is comprised of an ultra-low density fused-fibrous ceramic.
3. The biocompatible wound dressing of claim 2 further comprising an open-cell reticulated porous foam adhered to non-wound contacting surfaces of said ceramic.
- 10 4. The biocompatible wound dressing of claim 3 wherein said foam is removable from said ceramic.
5. The biocompatible wound dressing of claim 1 further comprising a flexible tube communicating between said pad and said negative pressure source.
6. The biocompatible wound dressing of claim 5 further comprising a removable canister in
- 15 fluid communication between said pad and said negative pressure source.
7. A biocompatible wound dressing, comprising:
 - an ultra-low density fused-fibrous ceramic shaped to conform to a wound site;
 - an air-tight seal removably adhered to said ceramic; and
 - a negative pressure source in fluid communication with said ceramic.
- 20 8. The biocompatible wound dressing of claim 7 further comprising a flexible tube communicating between said pad and said negative pressure source.
9. The biocompatible wound dressing of claim 8 further comprising a removable canister in fluid communication between said pad and said negative pressure source.

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10. A biocompatible wound dressing, comprising:

- a pad shaped to conform to a wound site, comprised of bioabsorbable branched polymers;
- an air-tight seal removably adhered to said pad;
- a negative pressure source in fluid communication with said pad.

5 11. The biocompatible wound dressing of claim 10, further comprising a flexible tube communicating between said pad and said negative pressure source.

12. The biocompatible wound dressing of claim 11 further comprising a removable canister in fluid communication between said pad and said negative pressure source.

13. A biocompatible wound dressing, comprising:

- 10 a pad comprised of a cell-growth enhancing matrix, shaped to conform to a wound site;
- an airtight seal removably adhered to said pad; and
 - a negative pressure source in fluid communication with said pad.

14. The biocompatible wound dressing of claim 13, further comprising a flexible tube communicating between said pad and said negative pressure source.

15 15. The biocompatible wound dressing of claim 14 further comprising a removable canister in fluid communication between said pad and said negative pressure source.